Applicant(s)/Patent under Reexamination Application/Control No. Index of Claims 09/878,789 AGEE ET AL. Examiner Art Unit Blanche Wong 2616 (Through numeral) Cancelled Rejected Non-Elected Appeal Allowed Restricted Interference Objected Claim Date Claim Claim Date Date

| Clai   |                | Date  | Claim              | le                | Date   |  | Cla         | um         | <b></b>  | U             | ate             |               |   |
|--|----------------|---|--------------------|-------------------|--|--|-------------|------------|--|---------------|-----------------|---------------|---|
| l  | $\overline{a}$ | 90/8//  | _   <del>_</del> _ | 96                |  |  |             | ਜ਼ ੑ       | 90)  |               |                 |               |   |
| Final  | Original       | <del>~</del>  | Final              |                   | -  |  | Final       | Original   | 18   |               |                 |               |   |
| iĒ   | ξ¥             | $\stackrel{>}{\downarrow}$ $\mid$ $\mid$ $\mid$ $\mid$ $\mid$ $\mid$ $\mid$ | 교   일              | <b>13</b>         |  |  | 🛅           | .Ę,        | אואל   |               |                 |               |   |
|  |                | <del>9</del> 4  |                    | 7                 |  |  |             |            | <b>&gt;</b>  |               |                 |               |   |
|  | 9              | <del>J                                      </del>                          | 51                 | ノ                 |  |  |             | <b>107</b> | 7  | 1 1           |                 |               | $\vdash$                                |
|  | 2              | <del>                                      </del>                           | 52                 | 1                 | <del>*                                     </del>  |  |             | 102        |  | 1             | $\top$          |               | +                                       |
| - 1  | 3              | 7   | 53                 | 1                 |  |  |             | 103        |  | +             | +               | _             | +                                       |
| $\vdash$   | 4              |   | 54                 | 7                 | <del>-   -   -   -   -   -   -   -   -   -  </del> | <del>   </del>                                   | <del></del> | 104        |  | +             | -               | -             |   |
| <del>  </del>                                    | -              | <del>7</del>  | 55                 | 1                 | <del>-   -   -   -  </del>                         | <del>                                     </del> | $\vdash$    | 104        | <del>-   -   -   -   -   -   -   -   -   -  </del> | ╌             | -               | -             | $\dashv\dashv$                          |
| $\vdash$   |                | <del>7</del>  | 55<br>56           | 1                 |  | <del>                                     </del> | $\vdash$    | 105<br>106 | #  |               |                 |               |   |
| <del></del>                                      | 6              |   | 56                 |                   |  |  | $\vdash$    | 106        |  | +-+           | $\bot$          |               |   |
| $\vdash \vdash$                                  |                | V   | 57                 | ~                 |  |  | <b></b>     | 107<br>108 | 7  | $\bot$        | $\perp$         |               | 4                                       |
| $\vdash$   | 8              | 411111  | 58                 | <b> </b> <u>√</u> |  |  |             | 98         | 7  | $\perp \perp$ |                 |               | $\perp$                                 |
| $\sqcup \!\!\! \perp$                            | 9              | 4   | 59                 | 4                 |  |  |             | 109        | $\mathcal{N}$                                      |               |                 | - 1           | $\perp$                                 |
| LL   | 10             | 7 1 1 1 1 1 1   | 60                 | V                 |  |  |             | 110        |  |               |                 |               |   |
|  | 11             |   | 61                 | <b>V</b>          |  |  |             | 111        |  |               |                 |               | $\top$                                  |
|  | 12             |   | 62                 | 7                 |  |  |             | 112        | 1  | 177           | $\neg \neg$     | $\neg$        | $\top$                                  |
|  | 13             |   | 63                 | 7                 |  |  |             | 113        | =  | +             | _               | _ -           | $\top$                                  |
| $\vdash$   | 14             | 3   | 64                 | 7                 |  |  |             | 114        | 11 11 7  | +             | $\top$          | $\dashv$      | +                                       |
| $\vdash$   | 15             | <del>3                                     </del>                           | - 65               | 1                 |  | <del>      -  </del>                             |             | 115        | 5  | ++            | +               | +             | +                                       |
| $\vdash$   |                | <del>3                                     </del>                           | 66                 |                   |  | <del>                                     </del> |             | 116        | 4  | + +           | +               | +             | +                                       |
| <del></del>                                      | 17             |   | 67                 | 7                 |  | <del>     </del>                                 |             | 110        |  | ++            | +               | +             | +                                       |
|  |                |   | 1 67               | 7                 |  |  |             | 117        | 1  | ++            | +               | +             | +                                       |
|  | 18             | <del>/</del>  | 68                 |                   |  |  | <b>-</b>    | 118        | 7  |               | _               |               | ш                                       |
| L  | 19             | 7   | 69                 | V                 |  |  |             | 119        | 7  | $\perp$       | $\perp$         |               | $\perp$                                 |
|  | 20             |   | 70                 | V                 |  |  |             | 120        | 1  |               |                 |               | Ш                                       |
|  | 21             | <i>y</i>  | 71                 | V                 |  |  |             | 121        | 1  |               |                 |               |   |
|  | 22             | $\mathcal{A}$   | 72                 | V                 |  |  |             | 122        | 7  | 1 1           |                 |               |   |
|  | 23             | $\overline{\mathbf{A}}$   | 73                 | V                 |  |  |             | 123        | 7  |               |                 |               | $\Box$                                  |
|  | 24             |   | 74                 | 1                 |  |  |             | 124        | 7  | 11            | 1               | $\neg$        | $\top$                                  |
|  | 25             |   | 75                 | 7                 |  |  |             | 125        | 4  | 11            | $\top$          |               | 11                                      |
|  | 26             | <del>)                                      </del>                          | 76                 |                   |  |  |             | 126        |  | ++            | $\top$          | _             | $\top$                                  |
| $\vdash$   | 27             |   | 76<br>77           | 1                 |  |  |             | 127        | 7  | + +           | +               |               | +-1                                     |
| $\vdash$   | 28             |   | 78                 | J                 |  | <del> </del>                                     | 1           | 128        |  | + +           | +               |               | +                                       |
|  |                | <del>*/</del>   | 70                 |                   |  | <del>                                     </del> | <b></b>     | 120        | 7  | +             |                 |               | +                                       |
| $\vdash$   | 29             | 7   | 79                 | V                 |  | <del>                                     </del> | H           | 129        |  | +             |                 | _             | 11                                      |
|  | 30             | <del>3                                     </del>                           | 80                 | V                 |  | $\sqcup \sqcup \sqcup$                           |             | 130        | <b>y</b>   |               |                 |               | 1                                       |
|  | 31             |   | 81                 | 1                 |  |  |             | 131        | V  | $\bot$        | $\perp$         |               | 44                                      |
| $\vdash$   | 32             |   | 82                 | 1                 |  |  | $\perp$     | 132        | 1  | $\perp \perp$ | $\perp$         |               | $\perp \!\!\! \perp$                    |
|  | 33 .           | /   | 83                 | V                 |  |  |             | 133        | <b>V</b>   |               |                 | $\perp$       |   |
|  | 34             |   | 84                 | 1                 |  |  |             | 134        | 1  |               |                 |               |   |
|  | 35             |   | 85                 |                   |  |  |             | 135        |  | $\bot \top$   |                 |               |   |
|  | 36             | 7   | 86                 | J                 |  |  |             | 136        | 1  | $\Box$        | $\top$          | $\neg$        | $\sqcap$                                |
|  | 37             | $\mathcal{A}$   | 87                 | V                 |  |  |             | 137        | V  | $\top$        | $\top$          |               | $\top$                                  |
|  | 38             |   | 88                 | 기                 |  |  |             | 138        | 7  | +             | $\neg \neg$     |               | 1                                       |
| <del>                                     </del> | 39             | <del>3                                     </del>                           | 89                 | V                 |  |  |             | 139        | 7  | ++            | $\dashv$        |               | +                                       |
|  |                | <del>7                                      </del>                          | 90                 | 7                 |  | <del>                                     </del> |             | 140        | 7  | ++            | $\dashv$        | $\dashv$      | +                                       |
| <del>   </del>                                   |                | <del>7                                     </del>                           | 91                 | 7                 |  | <del>   </del>                                   | <del></del> | 141        |  | +-+-          | $\dashv \dashv$ | $\dashv$      | $\dashv \dashv$                         |
|  |                | <del></del>   |                    |                   | <del></del>  | <del>                                     </del> | -           |            | <del></del>  | ++            | -               | +             | 4-1                                     |
|  | 42             | <del>/                                    </del>                            | 92                 | 1                 |  | <del>                                     </del> | $\vdash$    | 142        | 4  | ++            | +               |               | 44                                      |
|  |                |   | 93                 |                   |  | <del>    </del>                                  |             | 143        |  | ++            | $\bot$          |               | +                                       |
|  |                | 4   | 94                 |                   |  | <del>                                     </del> |             | 144        |  | $\bot \bot$   | $\perp$         |               | $\bot$                                  |
|  |                |   | 95                 | Z                 |  |  |             | 145        |  | $\perp \perp$ |                 |               | Ш                                       |
|  |                |   | 96                 | J                 |  |  |             | 146        |  |               |                 |               |   |
|  |                |   | 97                 | V                 |  |  |             | 147        |  |               | $\Box$          | $\top$        | П                                       |
|  | 48             |   | 98                 | ノ                 |  |  |             | 148        |  | $\top$        | $\top$          | $\neg \vdash$ | $\neg \neg$                             |
|  |                | <del>기                                      </del>                          | 99                 |                   |  |  |             | 149        | 7  | ++            | $\dashv \dashv$ | $\dashv$      | +                                       |
| $\vdash$   | 50             |   | 100                | Ĭ                 |  | <del>                                     </del> |             | 150        | <del>                                      </del>  | ++            | $\dashv$        | +             | $\dashv\dashv$                          |
| <b>L</b>   |                | <del></del>   | 1100               | <u>. v l</u>      |  | للللل  |             | 130        |  | 1             |                 | $\perp$ L     | لــــــــــــــــــــــــــــــــــــــ |

| ndex o   | of Claims ( | contii | nued) | App  | licati | on/Control No. | Applicant(s)/Patent unde Reexamination |          |  |  |  |
|--|-------------|--------|-------|------|--------|----------------|--|----------|--|--|--|
| !  |             |        |       |      | 378,7  | 89             | AGEE ET AL.                            |          |  |  |  |
|  |             |        |       | Exa  | mine   |                |  | Art Unit |  |  |  |
|  |             |        |       | Blar | nche   | Wong           | 2616                                   |          |  |  |  |
| <ul> <li>✓ Rejected</li> <li>– (Through numer Cancelled</li> <li>÷ Restricted</li> </ul> |             |        |       | al)  | N      | Non-Elected    | A                                      | Appeal   |  |  |  |
|  |             |        |       |      | ı      | Interference   | 0                                      | Objected |  |  |  |

| Claim      |                  | Date             |                  |  | Cla         | im         |        | ****   | E               | ate      |               |                    |           | CI          | aim        |                 |          |         | Date   | 9               |          | _        |           |
|------------|------------------|------------------|------------------|--|-------------|------------|--------|--------|-----------------|----------|---------------|--------------------|-----------|-------------|------------|-----------------|----------|---------|--|-----------------|----------|----------|-----------|
| _          | 99/81/1          |                  |                  |  |             | al         |        |        |                 |          |               |                    |           |             | -a         |                 |          |         |  |                 |          |          |           |
| Final      |                  |                  |                  |  | Final       | Original   |        | į      |                 |          |               |                    |           | Final       | Original   |                 |          |         |  |                 |          |          |           |
| E   5      |                  |                  |                  |  | Ē           | Ç          |        |        | 1 1             |          |               |                    |           | 证           | ا يق       |                 |          |         | 1  |                 |          |          | - 1       |
|            | 37               | $\perp \perp$    | _                |  |             |            | _      | 4_     | $\sqcup$        | _        |               | $\perp \downarrow$ | _         |             |            | $\Box$          | _        | 4_      |  | Ш               |          | 4        | _         |
| 151        | 14 1 1           |                  | $\bot$           | Ш  |             | 201        |        | 4      | $\sqcup$        | $\perp$  |               | 1_1                | _         |             | 251        | $\sqcup$        |          | 1       | $oxed{igspace}$                                  |                 |          | $\dashv$ | _         |
| 152        | 14               | $\bot\bot$       |                  |  |             | 202        |        |        | $\sqcup$        |          |               | $\bot$             | _         | ļ           | 252        | $\rightarrow$   |          | $\perp$ | lacksquare                                       |                 | _        | 4        | _         |
| 153        |                  | $\dashv$         | $\bot$           | Ш  |             | 203        |        |        | ┷               |          |               | 1 1                |           |             | 253        | <b>—</b>        | _        |         |  |                 | _        | 4        | ᅴ         |
| 154        | 19 1             |                  | $\bot$           | $\square$  |             | 204        |        |        | $\sqcup$        |          |               | $\sqcup$           |           | ļ           | 254        |                 | _        |         | ļ  | Ш               | _        | 4        | ᆜ         |
| 155        | 14               |                  | +                | <u> </u>   |             | 205        |        |        | 1_1             |          | -             | $\sqcup$           | _         | ļ           | 255        |                 |          | +       | <u> </u>   |                 | _        | $\dashv$ | _         |
| 156        |                  | _ _ _            |                  | <del>                                     </del> |             | 206        |        | _ -    | $\vdash$        |          | ÷             | +                  | _         | <u> </u>    | 256        | -               | -        | +       | <u> </u>   |                 | _        | $\dashv$ | _         |
| 157        | 11               |                  |                  |  |             | 207        | _      |        | $\vdash$        | -        |               | -                  |           |             | 257        | $\vdash$        | $\perp$  | _       | ₩  |                 | _        | $\dashv$ | 4         |
| 158        |                  | ++               |                  |  |             | 208        | -+     |        | $\vdash$        |          | _             | ++                 | 4         |             | 258        |                 | -        | +       | <del> </del>                                     | $\sqcup$        |          |          | 4         |
| 159        | 14               |                  |                  | <del>                                     </del> |             | 209        |        |        |                 |          |               | ++                 | _         | <u> </u>    | 259        | $\vdash$        | _        | +       | ₩  | Щ               |          | _        | 4         |
| 160        | <del>  4</del> ] | +                | ++               | $\blacksquare$                                   |             | 210        | +      | +      | $\vdash \vdash$ | $\dashv$ |               | +                  |           | -           | 260        | $\dashv$        | +        | +       | ┼  |                 |          | $\dashv$ |           |
| 161        |                  | +                | ++               | $\vdash$   | <u> </u>    | 211<br>212 | +      | +      | $\vdash \vdash$ | -        | +             | ╀┩                 |           | -           | 261        |                 | +-       | +-      |  | $\vdash \vdash$ | $\dashv$ | +        | $\dashv$  |
| 162<br>163 |                  | ++               | ++               | $\vdash$   |             | 212        | +      | +      | $\vdash \vdash$ | $\dashv$ | +             | +                  | $\dashv$  | -           | 262<br>263 | $\vdash \vdash$ | +        | +-      | ╂  | $\vdash \vdash$ | $\dashv$ | +        | $\dashv$  |
| 163        | 3                | ++               | +.+              | $\vdash$   |             | 214        | -+-    |        | ┨               | $\dashv$ | +             | +                  |           |             | 264        | $\vdash$        |          | +       | $\vdash$   |                 |          | +        | -         |
| 165        | 13               | ++               | ++               | H  | -           | 214        | +      |        | +               | +        |               | +                  |           | -           | 265        | $\vdash$        |          | +       | $\vdash$   | $\vdash$        | $\dashv$ |          | $\dashv$  |
| 166        |                  |                  | ++               | H  |             | 216        | +      | +      | +               | $\dashv$ | +-            | +                  | -         |             | 266        |                 | +        | +       | ┼  | Н               | $\dashv$ | +        | $\dashv$  |
| 167        |                  | +                | ++               | H  |             | 217        | -      | +      | ╁               | $\dashv$ |               | ╁                  |           |             | 267        | $\vdash$        |          | +-      | $\vdash$   | $\vdash$        | -        |          |           |
| 168        |                  | +                | ++               | H  |             | 218        | +      | +-     | $\vdash$        | -        | $\dashv$      | +-                 | $\dashv$  | -           | 268        | $\vdash$        |          | +       | +  | $\vdash$        | +        | +        | $\dashv$  |
| 169        |                  | ++               | ++               | H  | $\vdash$    | 219        | +      | +      | +               | $\dashv$ | +             | +                  | $\dashv$  | <del></del> | 269        | $\vdash \vdash$ | +        | +-      | +  | $\vdash$        | $\dashv$ | +        | $\dashv$  |
| 170        |                  |                  | +                | $\forall$  | <u> </u>    | 220        | +      | +-     | $\vdash$        | -+       | +-            | +                  | $\dashv$  |             | 270        | $\vdash$        | +-       | +-      | ╁  | $\vdash \vdash$ | $\dashv$ | $\dashv$ | 닉         |
| 171        |                  | ++               | +                | $\forall$  |             | 221        | +      | +      | +               | -+       | $\dashv$      | ++                 | $\dashv$  | -           | 271        | $\dashv$        |          | +       | $\vdash$   | $\vdash \vdash$ | $\dashv$ | $\dashv$ | 닉         |
| 172        |                  |                  | ++               | H  |             | 222        | +      | ╁      | +               | +        | +             | +                  | -         | -           | 272        |                 | -+-      | +       | -  | Н               | -+       | +        | -         |
| 173        |                  | <del>- - -</del> | ++               | $\vdash$   | <del></del> | 223        | +      | +      | 1               |          | -             | ╁                  | -         |             | 273        | $\vdash$        |          | +       | +  | Н               | ┪        | $\dashv$ |           |
| 174        | 17 1 1           | <del>- - -</del> | +                | $\vdash$   |             | 224        | +      | +      | $\vdash$        | $\dashv$ | +-            | +                  | -         | -           | 274        | $\vdash$        |          | +       | ╁  | Н               | $\dashv$ | $\dashv$ |           |
| 175        |                  |                  |                  | $\vdash$   |             | 225        | -+-    | +-     | +               | $\vdash$ | +             | +                  | $\dashv$  | -           | 275        |                 |          | ╅       | ╁  | Н               | -        | $\dashv$ | $\dashv$  |
| 176        |                  |                  | +                | ┼┤.  |             | 226        | +      | +-     | 1 1             |          |               | $\vdash$           | -         |             | 276        | -               | +        | +       | +  | Н               | $\dashv$ | +        | $\dashv$  |
| 177        |                  |                  |                  | $\vdash$   |             | 227        | +      | +      | +               | $\vdash$ |               | +                  |           | $\vdash$    | 277        | -               |          | +       | $\vdash$   | Н               | $\dashv$ | -+       | $\dashv$  |
| 178        |                  |                  | <del>     </del> | +  |             | 228        | +      | +      | +               | _        | +-            | -                  | $\dashv$  | -           | 278        |                 | +        | +-      | +  | Н               | $\dashv$ | +        |           |
| 179        |                  |                  | +                | +-  `  |             | 229        |        |        | $\dagger$       | $\vdash$ | +             | $\Box$             |           | -           | 279        | $\vdash$        | _        | +       | <del>                                     </del> |                 |          | $\dashv$ | _         |
| 180        |                  |                  | +                | +-1  |             | 230        | +      |        | $\Box$          |          | $\top$        | 1 1                | $\dashv$  |             | 280        | -               | +        | +       | $\vdash$   |                 | $\dashv$ | $\dashv$ | $\neg$    |
| - 181      |                  | + +              | 1 1-             | <del>                                     </del> |             | 231        | $\top$ | +      | $\vdash$        | $\Box$   | $\top$        | $\Box$             | _         |             | 281        | -               |          | +       | 1  | -               | $\dashv$ | +        | _         |
| 182        |                  | -  -             |                  | <del>     </del>                                 |             | 232        | +      | _      | $\Box$          | $\dashv$ | _             | +                  |           |             | 282        | $\vdash$        | $\dashv$ | 十       | T  | Н               | _        | 十        | $\exists$ |
| 183        |                  | 1                | -                | $\forall$  |             | 233        | +      | $\top$ | H               | $\dashv$ | $\top$        | $\dagger \exists$  | $\dashv$  |             | 283        | $\sqcap$        | $\dashv$ | $\top$  | $\top$   | Н               | 7        | 十        | _         |
| 184        |                  |                  | $\top$           | $\sqcap$   |             | 234        | $\top$ |        | 1 1             | $\dashv$ | $\neg \vdash$ | 1 1                | $\neg$    |             | 284        | $\sqcap$        | 十        | 1       | $\dagger$  | П               | 寸        | $\dashv$ |           |
| 185        |                  |                  | 11-              | П  |             | 235        | 1      | 1      | П               |          |               | $\Box$             |           |             | 285        |                 | 十        | Τ       |  | П               | ヿ        | $\top$   |           |
| 186        |                  |                  | 11-              | $\Box$   |             | 236        | $\top$ |        | $\Box$          |          | $\top$        | 1.1                |           |             | 286        |                 | 十        | $\top$  | $\top$   | П               | $\dashv$ | 寸        | П         |
| 187        |                  | 11               | 11               | П  |             | 237        | $\neg$ | $\top$ |                 |          | $\top$        | $\Box$             | $\neg$    |             | 287        |                 | $\top$   | Τ       | T  | П               | $\neg$   | 寸        |           |
| 188        |                  |                  |                  | П  |             | 238        | $\neg$ |        | $\Box$          | $\Box$   | $\neg$        | $\sqcap$           |           |             | 288        |                 | $\top$   | T       | Π  | П               |          | $\dashv$ |           |
| 189        |                  |                  |                  |  |             | 239        | $\top$ |        |                 |          | $\top$        | $\sqcap$           | $\neg$    |             | 289        |                 |          | T       |  |                 |          | $\top$   |           |
| 190        |                  |                  |                  | $\Box$   |             | 240        |        |        |                 |          |               | $\Box$             | $\neg$    |             | 290        |                 |          |         |  |                 |          | $\neg$   |           |
| 191        |                  |                  |                  |  |             | 241        |        |        |                 | $\Box$   |               | 1                  | 7         |             | 291        |                 |          | 1.      |  | П               |          | 丁        |           |
| 192        |                  |                  |                  |  |             | 242        | $\neg$ |        | П               |          | $\neg$        | $\top$             |           |             | 292        |                 |          |         |  |                 |          | $\Box$   |           |
| 193        |                  |                  |                  |  |             | 243        |        |        | П               |          |               | 11                 |           |             | 293        |                 | $\top$   | Π       |  |                 |          | $\Box$   |           |
| 194        |                  |                  |                  |  |             | 244        |        |        | П               |          |               | $T \Box$           |           |             | 294        |                 |          | Ι       |  |                 |          | 丁        |           |
| 195        |                  |                  |                  |  |             | 245        | T      |        | П               |          |               | 11                 | $\exists$ |             | 295        |                 |          |         |  |                 |          | $\Box$   |           |
| 196        |                  |                  |                  |  |             | 246        |        |        | $\sqcap$        |          |               | 17                 | $\neg$    |             | 296        |                 |          |         |  |                 |          | $\Box$   |           |
| 197        |                  |                  |                  |  |             | 247        |        |        | П               |          |               | 1 1                |           |             | 297        |                 |          |         |  |                 |          |          |           |
| 198        |                  |                  |                  |  |             | 248        |        |        |                 |          |               | 11                 |           |             | 298        |                 |          | Ι       | Г  |                 |          | 丁        |           |
| 199        |                  |                  |                  |  |             | 249        |        |        | П               |          |               | $\Box$             |           |             | 299        |                 |          |         |  |                 |          |          |           |
| 200        |                  |                  |                  |  |             | 250        |        | T      | $\Box$          |          |               |                    |           |             | 300        |                 | T        |         |  |                 |          | T        |           |